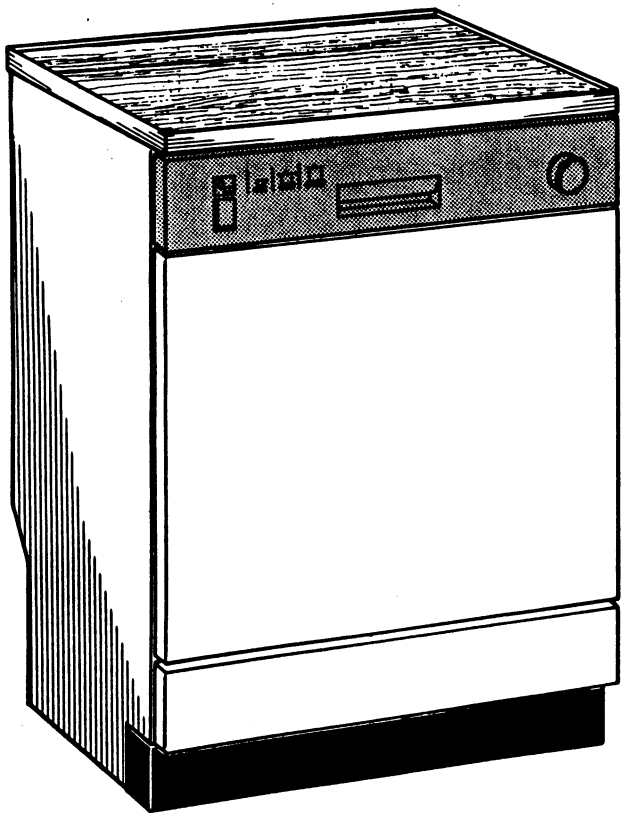
ZANUSSI

Instructions for the use and care of your Z 30 Dishwasher

Servicing

Should servicing be required for this appliance contact your local Service Agent but before requesting service the following simple checks may save you inconvenience and expenses:

- Check that the power supply is working (by plugging in another appliance).
- Check that the fuse has not blown in the plug.
- Check that the door is properly closed and the water taps are turned on.
- Check that the drain filter or water inlets are not blocked.
- Check that the drain hose is properly located and free from kinks and blockages.



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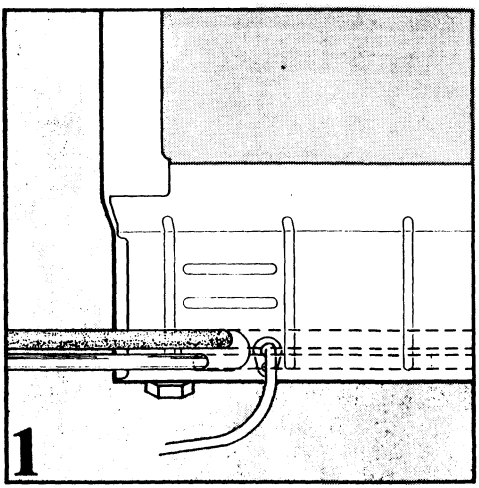
Technical data

Width	23.6"
Overall Depth	22.4"
Overall Depth with open Door	47.2"
Height	33.4"
Capacity (in standard IEC place settings)	12
Supply voltage	220/240 V - 50 Hz
Motor Rating during Washing	250 W
Heating Element Power	2570 W
Max. Power Absorbed	2820 W
Water Supply Pressure:	
minimum	7 p.s.i. - 49 kN/m^2
maximum	110 p.s.i. - 758 kN/m^2

Installation

Positioning

After removing the outer carton, set up the machine in the selected spot, preferably very close to water loading and draining facilities. Furthermore, the machine can be installed with the sides and back in touch with the adjacent furniture or with the wall.
The dishwasher features fill and drain hoses which can be turned either to the right or to the left (fig. 1) to suit the installation. The worktop can be adjusted either forwards or backwards up to 25 mm (1 in) to make it possible to align the



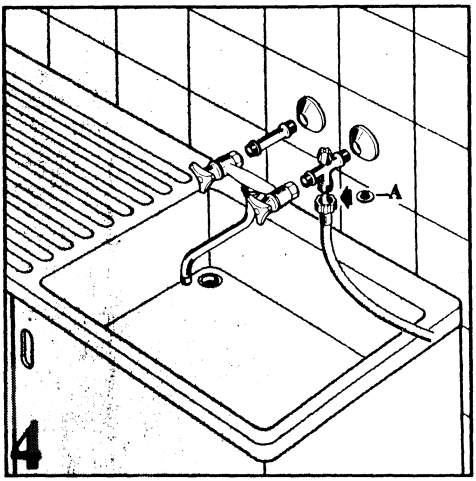
machine properly with the kitchen furniture. To do this, simply remove the securing screws from the front (fig. 2); adjust the worktop as required, then replace the previously removed screws. The machine can also be installed under the kitchen counter or under the sink. To do this, remove the worktop from the machine by unscrewing the two front securing screws and then release it from its rear catch. The dimensions of the special recess required to house the machine are given in Fig. 3.

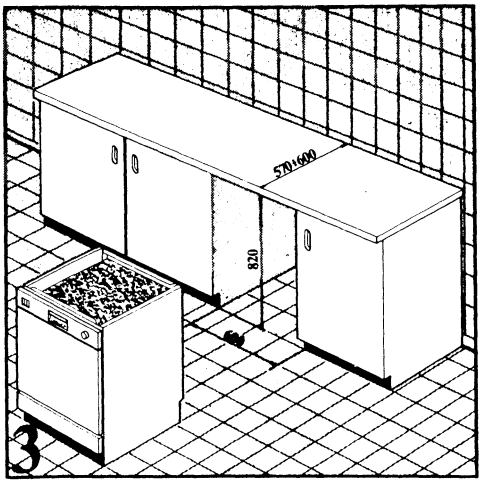
Levelling

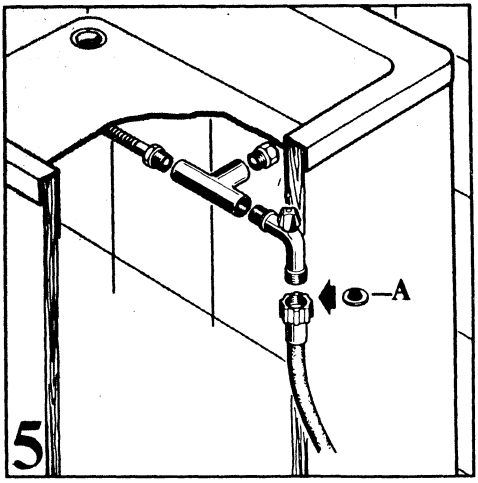
The machine should be accurately levelled by adjusting the four levelling feet so that it be perfectly levelled (max. allowed error: ±2°). An accurate levelling is a must to ensure a correct operation of the machine.

Connection to the water supply

The machine may be supplied with either cold or hot water. **In the letter case, make sure that the temperature of the hot water never exceeds 60 °C (140 °F).**
The inlet hose should be connected to a 3/4" gas thread spout (Fig. 4-5) or to a quick-coupling tap (Pres-Block) after inserting the special strainer «A» supplied with the machine.
Make sure that the water supply pressure is within the limits indicated under the technical data (page 3).

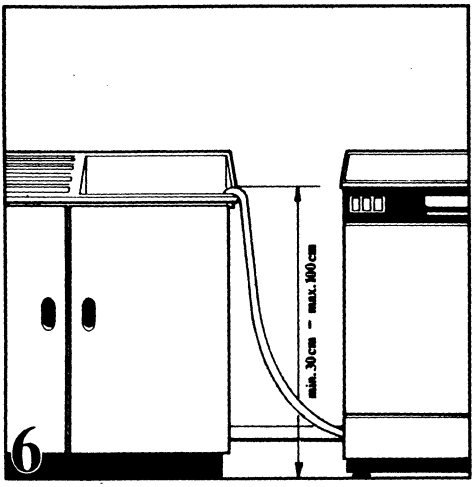






Water outlet connection

The drain pipe from this machine must connect into the main drain from the premises, but not into the rainwater drain. Information as to the type of drain servicing your premises can be obtained from a builder or the Local Authority.
The curved end of the outlet hose should be firmly hooked over the edge of a sink or connected to a suitable drain pipe in the wall or under the sink; however, such a drain pipe should have a built-in air break in order to avoid water syphoning from the machine during draining. The top of the drain hose (curved end) should not be lower than 30 cms (12 ins) or higher than 100 cms (40 ins) from floor level.
The water should be able to drain freely and the end of the outlet hose must not be under water. It is, therefore, advisable that the drain pipe, if used. has an internal diameter of at least 4 cms (1.5 ins). Also, ensure that the drain hose is not chocked or placed in such a way as to obstruct the normal water flow.
If the drain hose is to be hooked over the sink, ensure that the sink is empty and that the sink plug is not blocking the plug hole. If an extension is required, its inner diameter must be the same as that of the original hose of the washer and its length must not exceed 2 metres (6 ft.).



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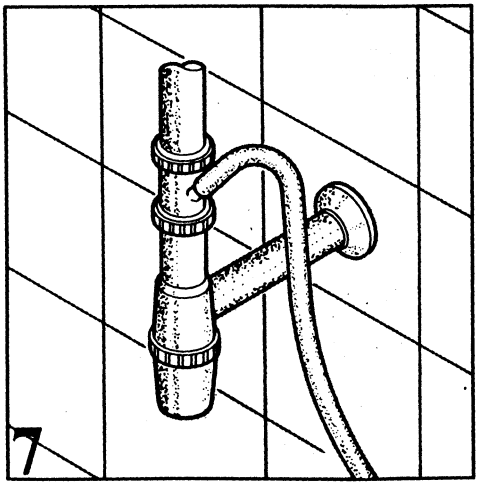
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Electrical connection

Warning: this appliance must be earthed

The manufacturer declines to accept any liability should this safety measure not be observed.

Important

The wires in this mains lead are coloured in accordance with the following code:

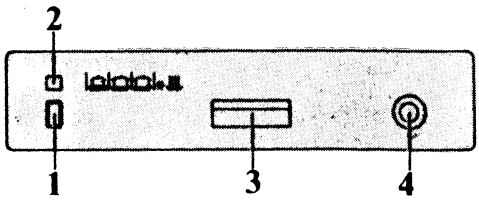
GREEN AND YELLOW - EARTH BLUE NEUTRAL BROWN - LIVE

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug; this is what you have to do: Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter «E» or the earth symbol ⏚ , or coloured green, or green and yellow.
Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter «N» or coloured black.
Connect the brown (live) wire to the terminal which is marked with the letter «L» or coloured red.
The plug moulded on to the cord incorporates a fuse. For replacement, use a 13 Amp BS 1362 fuse. Only ASTA approved fuses should be used.
The fuse cover/carrier must be replaced in the event of changing fuse.
The plug must not be used if the fuse cover/carrier is lost.
A replacement cover/carrier must be obtained from Zanussi Service Agents whose adresses are listed on the attached «Zanussi Service Agents Nationwide».
This appliance complies with E.E.C. directive No 76/889 of 4.11.76 relative to radio interference suppression.

Operation

Control panel

1 START and STOP Switch
2 «Machine-live» Indicator
3 Door Handle
4 Programme Selector



Programme Selector

This control permits selection of the required wash cycle.
Depress and at the same time turn this knob clockwise until the index points exactly on the proper letter of the required wash cycle.

START & STOP Switch

By depressing this pushbutton the machine starts operating and, at the same time, the pilot lamp above this pushbutton will light up.
When depressing it again, the machine stops and the pilot lamp goes out.

Door Handle

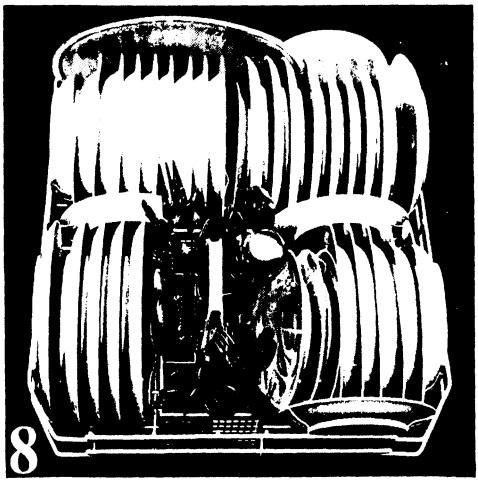
Grip it firmly, pull it upwards first and then outwards. To close the door, simply push it back till it engages.

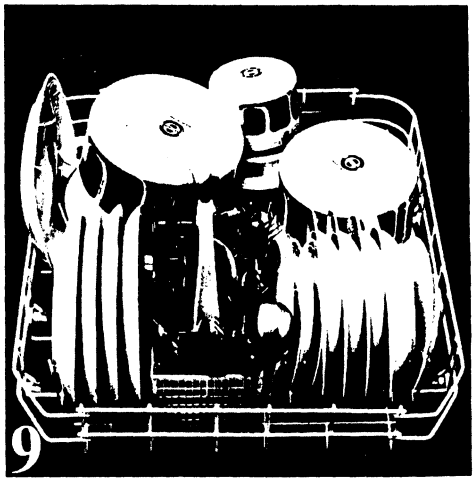
Loading the crockery

Prior to arranging the crockery in the baskets, do remove the bigger food scraps (such as tiny bones, fish-bones, meat or vegetable scraps, fruit peels, etc) to prevent the filter from clogging, which would cause poor washing results.
Open the door and slide out the baskets to be able to load the crockery.

Using the bottom basket (fig. 8-9).

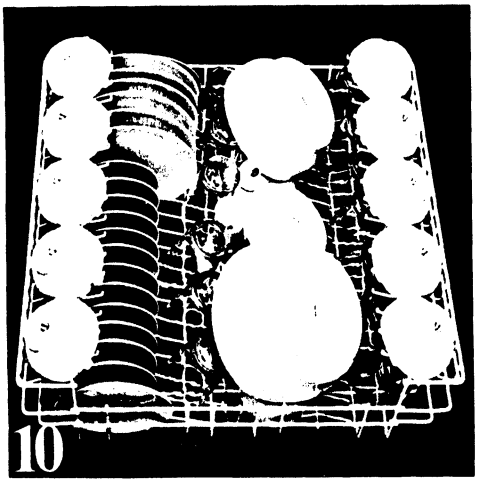
The lower basket is designed to take pots, lids, dishes, salad-bowls, cutlery etc.
The cutlery should be placed into the special small removable basket. To obtain good washing results, it is recommended to intermix spoons with knives and forks so that they will not stick together.
We also suggest that you stack the cutlery into the special small basket with the handles facing downwards. However, if the handles of your cutlery are very thin it is advisable to stack the cutlery with the handles facing upwards, so as to prevent them from sticking out from the bottom of the small basket and thereby blocking the lower sprayarm.

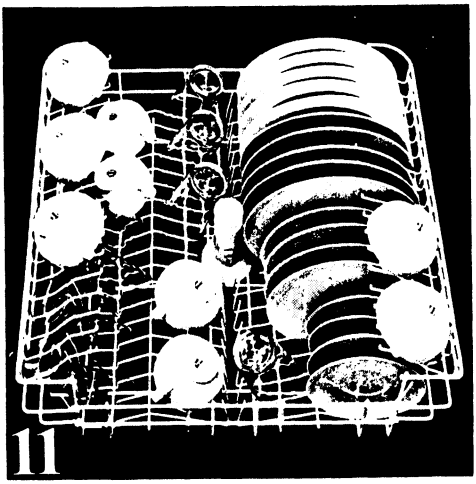




Using the top basket (fig. 10-11).

The top basket is designed to take dishes (dessert plates, saucers, flat plates, soup plates, up to a 24 cms (9.5 ins) diameter plus cups and glasses which should be arranged as shown in the respective pictures.





Top basket raising and lowering

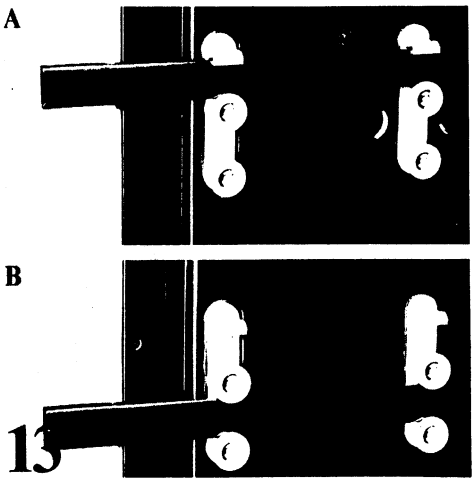
If very big plates (over 27 cm (10.6 ins) and up to 31 cms (12.2 ins) diameter) are normally used, the top basket will have to be raised to the upper position. This will make it possible to properly arrange these extra large plates in the bottom basket. To raise the top basket, remove the basket itself after taking off the front runner stops (fig. 12), remove the slides (B - fig. 13) after taking off the rear runner stops and refit them on the higher position (A - Fig. 13), then replace the rear runner stops, the top basket and, finally, the front runner stops. With the top basket on this upper position there is of course less loading clearance in the basket itself (which will in fact only take dishes up to 19 cms (7.5 ins) and this will also prevent utilization of the basket's raised cup compartments.

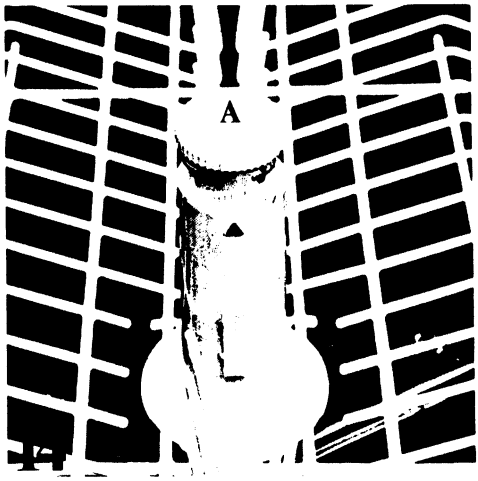
Important

When loading the crockery be absolutely sure not to accidentally obstruct the water inlet funnel at the centre of the upper basket.
Only a correct loading of the dishwasher will ensure good washing results.
After loading the crockery, make sure that the spray arms turn freely.

Jet strength control

The water jet strength of the upper spray arm can be adjusted by turning the water inlet funnel (A - fig. 14), to obtain the best washing results without risking that particularly light crockery is upset by the jets:
+ jet strength increase
– jet strength decrease.





Loading the rinse aid

The rinse aid dispenser, which automatically dispenses the right amount of rinse aid at the proper time, is located inside the dishwasher door. This special liquid product is essential to ensure prompt drying of the crockery and to make it come out crystal-clear since it prevents formation of stains due to the salts contained in the water.

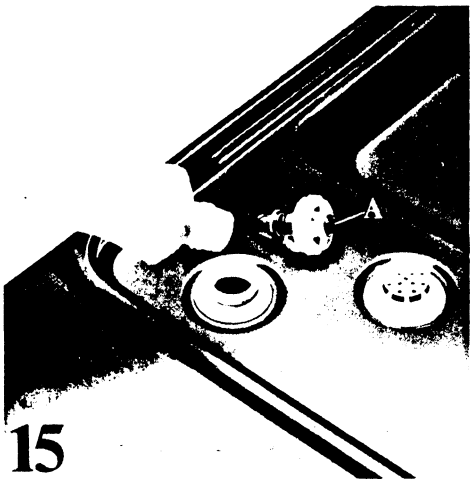
Filling: unscreaw the lid of the container and pour in the rinse aid until the level of the liquid is about 2 cms (0.8 ins) from the rim of the filler plug, then replace the container lid. The level of the liquid should be periodically checked through the peephole to be found on the container lid (A - fig. 15).
When the peephole starts clearing up, a topping up becomes necessary.
The container will hold approx 125 cu. cms (7.6 cu. ins) of rinse aid, which quantity will last for about 60 wash cycles.
Quantity: the quantity of rinse aid dispensed automatically from the container can be adjusted, in each single case, to compensate for hard or soft water, more being required for hard water and less for soft.
To vary the quantity as required, turn the small disk located inside the rinse aid fillercap which is adjustable to five different positions.
To turn the small disk use a screwdriver to be inserted into the special center groove (fig. 16).

Important

We would suggest that you initially leave the small disk on the preset position and that you adjust it as follows only after carrying out a few wash cycles:

increase the quantity of dispensed rinse aid if the crockery remains dull or shows occasional round spots;

decrease the quantity of dispensed rinse aid if the crockery turns out sticky or shows whitish streaky marks.



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Loading the detergent

The washing powder should be poured into compartment «A» of the container located on the inner door (fig. 17). If the lid of the container happens to be closed, to open it simply push back catch «B» which keeps it clamped down.

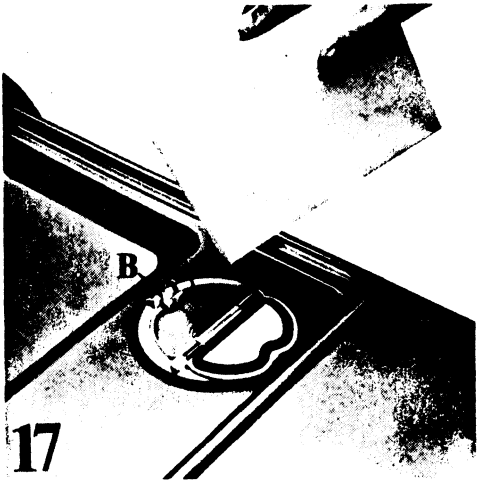
Quantity of Detergent: the quantity to be loaded depends on the brand used, on the degree of soil and type of load. On the average, we recommend 4 teaspoonfuls 25 grams (0.88 oz) if you have to wash normally soiled crockery, and up to 5 teaspoonfuls 30 grams (1 oz), for heavily soiled crockery.
Also take into account the detergent manufacturer's recommendations.
After loading the detergent in the proper compartment, close the lid.
The detergent will be automatically dispensed at the proper time.

Important

Only use detergents specially made for dishwashers;

To obtain fine washing results you should only use top quality detergents;

An insufficient quantity of detergent will give poor washing results, whereas an excessive quantity will not improve the results but will only represent a waste.



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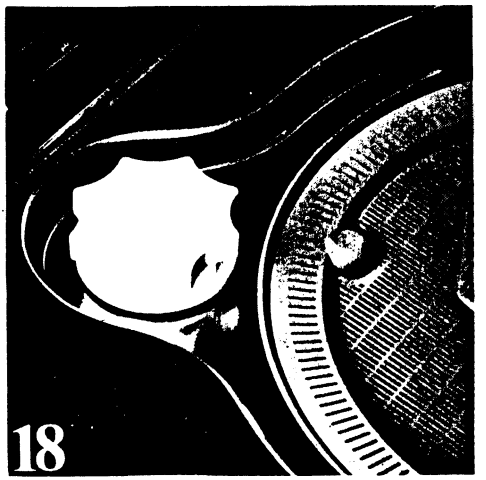
Water softener

Depending on the area, water contains more or less limestone and mineral salts which tend to deposit on the crockery forming whitish markings that eventually cause all surfaces to become dull. The dishwasher incorporates a water softener which purifies the water of all limestone for dishwashing. In this way the cleaning action is greatly enhanced, no incrustations form and during the rinsing phases the crockery is restored to its original brilliance.
Operation of the water softener is completely automatic.

Salt filling

After unscrewing the cap, fill 1,5 kg (3,3 lbs) of coarse cooking salt using the funnel supplied with the machine into the container on the tub bottom (fig. 18).
Carefully replace the container screwcap, making sure that the threading and the gasket have no trace of salt.
After this initial filling of the salt container you should top up the container periodically (i.e. approx. every 20 wash cycles by adding salt as required.



Important

When the appliance is put into operation for the first time, it is recommended that you carry out a complete wash cycle without loading any salt in the respective container.
All salt refilling and topping up operations **should be carried out immediately prior to starting any one of the complete wash cycles** (with the exception of the RINSE & HOLD programme) in order to prevent the possibility that any salt granules or salt water, which might flow out of the salt container during refilling of the same, remain for some time on the bottom of the wash tub without being properly diluted.
Use only coarse cooking salt or specific equivalent products for water softeners.

Adjusting the water softener

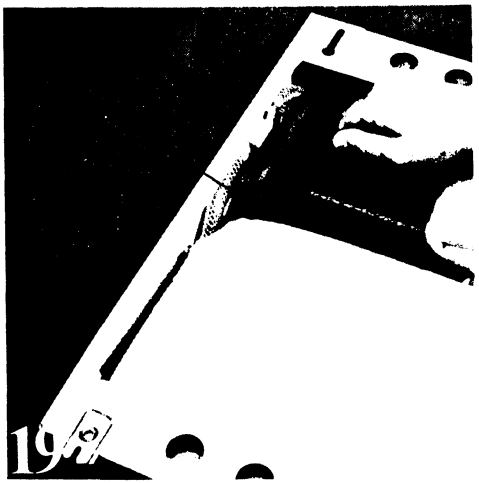
The water softener is preset for water having a maximum hardness of 40° F (22° d). This setting is designed to suit most of the field requirements. At any rate, if the water hardness exceeds 40 °F (up to a maximum of 60 °F), the water softener may be adjusted accordingly. This operation should be carried out by qualified personel who should proceed as follows:

Remove the worktop as described on page 4 and 5.

Drill (pierce) a 1-2 mm vent hole on point A of the plastic tank as shown in fig. 19 — Replace the worktop.

Under normal operating conditions, the supply of salt in the container will last for about 20 wash cycles, whereas by making the above-mentioned inlet hole, the salt supply will only last for about half as many wash cycles.

Therefore, the salt will have to be refilled in a container approx. every 10 wash cycles.



Starting

After connecting the machine to the water supply and to the electric power supply, close the door and then proceed as follows:

Turn the programme selector knob to the required setting.

Depress the START pushbutton (1 - page 8).

At this point a pilot lamp will light up and the machine starts operating.

Stopping the machine

When the wash cycle is completed, the machine stops automatically but the pilot lamp remains alight and to turn it off the STOP pushbutton has to be depressed. If you require to stop the machine at any moment during the wash cycle, simply depress the aforementioned STOP pushbutton. To restart the machine, depress again the same pushbutton and the wash cycle will resume from where it was interrupted.

It is not advisable to open the door during operation. At any rate, the machine incorporates a safety device which stops operation when the door is opened.

We would also recommend, at the end of a wash cycle, that you turn off the water tap and unplug the machine from the wall socket.

Washing programmes

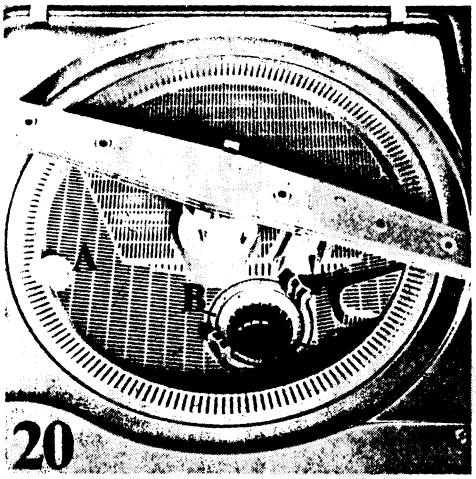
Programme	Type of load and degree of soil
1	Extremely soiled crockery, pots, pans and cutlery
2	Normally soiled crockery, pots, pans and cutlery
3	Normally soiled crockery and cutlery
4	Partial load (to be completed later in the day)

Recommended programme	Programme knob setting	Cycle description
Energetic with prewash	**A**	Cold prewash / Main wash up to 65°C / 2 cold rinses / 1 hot rinse / hot air drying
Normal no prewash	**B**	Main wash up to 65°C 2 cold rinses / 1 hot rinse / hot air drying
Normal - short no prewash	**C**	Main wash up to 65°C 2 cold rinses / 1 hot rinse / hot air drying
Rinse & hold	**D**	Cold rinse to prevent food scraps from drying up and sticking to the dishes.

Care and cleaning

Cleaning the filter assembly

The filter assembly consists of a large circular fine-mesh filter (A) and two small cone-shaped filters (B - C), fitting one within the other, both being housed in the large filter (fig. 20).
We recommend that you inspect the two small filters B and C after each wash cycle, removing any food scraps that you might detect.
These two concentric filters can be removed by slightly turning the outer filter B anticlockwise until it disengages from its seat (fig. 20).



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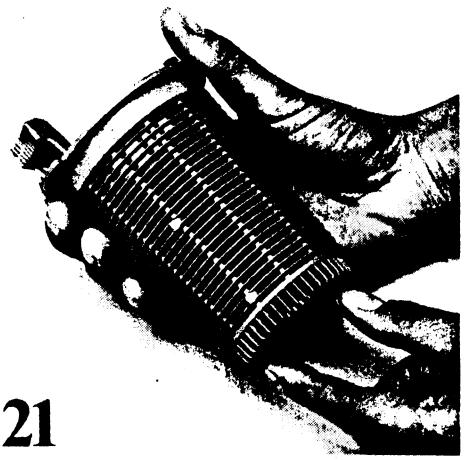
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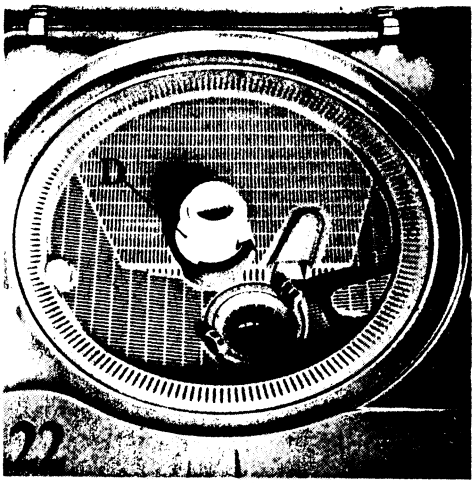
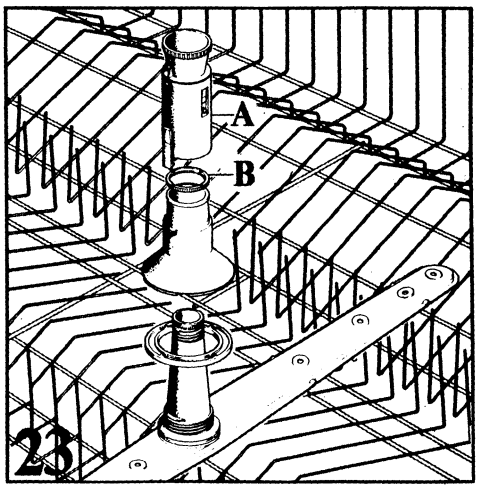
(fig. 21) sticking out from the bottom... outer filter B.
The large fine-mesh filter (A) should be cleaned from time to time (roughly once every two months) on both sides with a suitable brush).
To remove this large filter (A), take off the bottom sprayarm, and unlock part D fig. 22.
Replace the assembly reversing the above procedure, making sure that the outer rim of the circular filter fits correctly in its housing on the tub bottom.
The dishwasher should not be operated without the filters being correctly installed.
Periodic cleaning of the filters is essential for a smooth and efficient operation of the machine.

not be obstructed as this would ... reduce the effectiveness of the washing cycle.
To remove the bottom sprayarm release it from its securing catches and pull it out. To clean the nozzles of the top sprayarm, slide out the top basket whereby the sprayarm will become perfectly accessible.
To remove it, disengage conveyor A from its coupling and unscrew ring nut B (fig. 23).





Cabinet cleaning

The outer cabinet and the control board in particular should be wiped periodically with a soft damp cloth and, if necessary, with a little neutral detergent.
To clean these parts, never use abrasive products which might scratch the surface.

Long idle periods

If the machine is not to be used some time, it is advisable to take the following precautions:

Disconnect the machine from the electrical network and from the water supply;

Fill up the rinse aid container;

Leave the door ajar to prevent bad smells from lingering in the machine;

Leave the inner part of the machine clean, even if there is some crockery left, by carrying out at least a rinse & hold programme (No. 4).

If you are moving

If you are moving and the dishwasher is transferred to a new location, make sure that the machine is not tilted too much during transport.

Useful hints

It stands to reason that a machine of this standing should be utilized and exploited rationally and to its full capacity to make the most of it. Therefore, place the crockery in the machine immediately after the meals, conveniently arranging the various pieces in the respective compartments.
If only partial loads are placed in the machine, do carry out a rinse & hold programme until the load is completed later in the day.
We would also suggest that you take into account the capacity and the space availability of your dishwasher when buying new crockery, particularly pots and pans, all of which should be suitable to be washed in the dishwasher.

Pots: this machine will also wash pots. Needless to say, the washing results depend on how soiled the pots are.
If there are plenty of dried up food scraps or if there are burnt scraps, it is advisable to pre-rinse the pots by hand or to pre-soak them so as to loosen the scraps.
Cutlery: as a rule, you should not wash in the dishwasher cutlery having wooden or horn handles or glued parts which will not withstand hot water.
Silver Cutlery: this may be washed in the dishwasher with very good results, provided it does not come in touch with steel cutlery. The fact is that the oxidizing effect of the soapy water might cause unsightly spots due to the chemical interaction between the two metals. Therefore, they should be arranged separately in the cutlery basket.
Aluminium Ware: Aluminium is not very suitable for dishwashing.
Decorated Chinaware: some decorations might fade when machine-washed, just as it sometimes happens when washing it by hand, and we would therefore suggest that you wash one single piece a number of times in the machine and then compare it with the other pieces to see if the decoration has faded. At any rate, use only programme number 3 for such delicate crockery.
Crystalware and Plastic Ware: if these are not certified to withstand machine washing, you had better wash them by hand to play it safe.

Something not working

If there is a malfunction, make the following checks before you call for service: it may save you trouble and expense.

The Machine will not start:
check that;
the door is correctly closed;
the water tap is full open;
the plug is perfectly inserted in the wall socket;
the fuses of the wiring system are not blown.

The machine will not drain:
check that;
the drain hose is not kinked (bent);
the filter is not clogged.

The crockery does not come out clean:
check that;
the detergent used is suitable for dishwashers and the quantity dispensed is the right one;
the crockery is correctly arranged in the baskets;
the sprayarms turn freely and the nozzles are not obstructed;
the filter is clean.

There are limestone deposits on the crockery:
check that;
there is enough salt in the container;
the rinse aid supply is not depleted;
the quality of rinse dispensed is not insufficient.

There are traces of tea,coffee or lipstick left on the crockery:
check that;
the quantity of detergent loaded in the machine is not insufficient.

ZANUSSI ELETTRODOMESTICI
Industrie Zanussi spa

ZANUSSI GUARANTEE CONDITIONS

This guarantee is in addition to your statutory and other legal rights which will not be excluded or in any way diminished by the return of the enclosed card.

We, IAZ International (UK) Ltd, guarantee that if within twelve months of the date of the purchase, this ZANUSSI appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials we will at our option repair or replace the same FREE OF ANY CHARGE for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on rating plate.
- The appliance has been used for normal domestic purposes and in accordance with the manufacturer's operating and maintenance instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.
- The appliance is still in the possession of the original purchaser.
- Any appliance or defective part replaced shall become our property.

This guarantee does not cover any damage caused during transportation or the replacement of any light bulbs or removable parts of glass or plastic.

Should you require service on your Zanussi appliance consult the enclosed list of service agents for your nearest Zanussi engineer. If the product is under guarantee then you will be required to produce proof of date of purchase to the engineer.

Please ensure that the enclosed pre-addressed card is stamped, completed in full and forwarded to IAZ International (UK) Ltd, to enable the guarantee to be recorded. Also complete the space below as your own record of the guarantee.

GUARANTEE RECORD

Appliance purchased from _____ on _____
Guarantee card no _____ Model no _____
Serial no _____ (These details may be taken from your Guarantee Record Card)
Your name _____
Address _____

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